

Peer Review Plan

Preliminary Title: Regional Economic and Environmental Impacts of Agricultural Adaptation to a Changing Climate in the United States

Type of Report (ERR, EIB, EB) ERR

Agency: Economic Research Service [X] Influential Scientific Information
USDA [] Highly Influential Scientific Assessment

Agency Contact: Elise Golan, egolan@ers.usda.gov

Subject of Review: In the coming decades, farmers will be confronted with substantial changes in growing conditions. Global climate models predict rapid increases in average temperature worldwide, with significant impacts on local patterns of temperature and precipitation. The extent to which such changes present a risk to food supplies, farmer livelihoods, and rural communities depends in part on the direction, magnitude, and rate of such changes, but equally importantly on the ability of the agricultural sector to adapt to changing patterns of yield and productivity, production cost, and resource availability. This study evaluates the degree to which climate change and its impacts on agriculture can be projected with certainty, and the flexibility farmers have to adapt to changes in local weather, resource conditions, and price signals by adjusting crops, rotations, and production practices.

Purpose of Review: The purpose of the review is to ensure the high-quality of the economic analysis, transparent explanation of methods, objective interpretation of results, and effective communication to the intended audience.

Type of Review: [] Panel Review [X] Individual Reviewers
[] Alternative Process (Briefly Explain):

Timing of Review (Est.): Start: 08/08/11 End: XX/XX/XX Completed: XX/XX/XX

Number of Reviewers: [] 3 or fewer [X] 4 to 10 [] More than 10

Primary Disciplines/Types of Expertise Needed for Review: Economists

Reviewers selected by: [X] Agency [] Designated Outside Organization
Organization's Name:

Opportunities for Public Comment? [] Yes [X] No

If yes, briefly state how and when these opportunities will be provided:

How:

When:

Peer Reviewers Provided with Public Comments? [] Yes [X] No

Public Nominations Requested for Review Panel? [] Yes [X] No

